

Notice of Allowability

Application No.

10/763,160

Applicant(s)

HAYASHI ET AL.

Examiner

Art Unit

Jin-Cheng Wang

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/13/2006.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9/8/2005 9-28-05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance of claims 1-4, 13-16 and 25 in the amendment of 9/28/2005: Nothing in the prior art anticipates or suggests, "presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and presenting third screen information on a third contracted display window of the plurality of contracted display windows" in a method for displaying a plurality of pieces of screen information on a plurality of display apparatuses comprising partitioning the screen of a first display apparatus into a main display window and a plurality of contracted display windows, in a manner such that the windows do not overlap each other; presenting first screen information on both a first contracted display window of the plurality of contracted display windows and the main display window; presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus; presenting third screen information on a third contracted display window of the plurality of contracted display windows and changing the second contracted display window and the second display apparatus to present the third screen information thereon in response to an operation to the information processing apparatus.

The cited reference to Janssen et al. US Patent No. 6,512,529 (hereinafter Janssen) has taught in the Background of the Invention that the windows on the desktop can be organized in a variety of different ways including the tiled windows so that the contents of each window are totally visible to the operator. Janssen regards the tiled windows as prior art teaching which is prior to Janssen's invention. Janssen taught more

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advanced technique of invisible windows for the overlapped windows to solve the problem of the limited screen space. Janssen also teaches the tiled windows of a larger screen surface or multiple screen surfaces. Janssen teaches resizing or moving windows so that the windows are not overlapped. The cited reference discloses displaying information on a plurality of windows so that all the important information displayed in various windows can be concurrently viewed. However, Janssen failed to disclose the claim limitation of “presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and presenting third screen information on a third contracted display window of the plurality of contracted display windows” set forth in the independent claim 1 or the independent claim 25.

2. The following is an examiner’s statement of reasons for allowance of claims 5-8, 17-20 and 26 in the amendment of 9/28/2005: Nothing in the prior art anticipates or suggests, “third means for presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and fourth means for presenting third screen information on a third contracted display window of the plurality of contracted display windows” in a screen image information presentation system having information processing apparatus and a plurality of display apparatuses comprising first means for partitioning the screen of a first display apparatus into a main display window and a plurality of contracted display windows, in a manner such that the windows do not overlap each other; second means for presenting first screen information on both a first contracted display window of the plurality of contracted display windows and the main display window; third means for

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presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus; forth means for presenting third screen information on a third contracted display window of the plurality of contracted display windows and fifth means for changing the second contracted display window and the second display apparatus to present the third screen information thereon in response to an operation to the information processing apparatus.

The cited reference to Janssen et al. US Patent No. 6,512,529 (hereinafter Janssen) has taught in the Background of the Invention that the windows on the desktop can be organized in a variety of different ways including the tiled windows so that the contents of each window are totally visible to the operator. Janssen regards the tiled windows as prior art teaching which is prior to Janssen's invention. Janssen taught more advanced technique of invisible windows for the overlapped windows to solve the problem of the limited screen space. Janssen also teaches the tiled windows of a larger screen surface or **multiple screen surfaces**. Janssen teaches resizing or moving windows so that the windows are not overlapped. The cited reference discloses displaying information on a plurality of windows so that all the important information displayed in various windows can be concurrently viewed. However, Janssen failed to disclose the claim limitation of "third means for presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and forth means for presenting third screen information on a third contracted display window of the plurality of contracted display windows" set forth in the independent claim 5 or the independent claim 26.

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3. The following is an examiner's statement of reasons for allowance of claims 9-12, 21-24 and 27 in the amendment of 9/28/2005: Nothing in the prior art anticipates or suggests, "presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and presenting third screen information on a third contracted display window of the plurality of contracted display windows" in a computer readable medium having stored thereon computer executable instructions for performing a method for displaying a plurality of pieces of screen information, output therefrom, on a plurality of display apparatuses, the method comprising: displaying a plurality of pieces of screen information on a plurality of display apparatuses comprising partitioning the screen of a first display apparatus into a main display window and a plurality of contracted display windows, in a manner such that the windows do not overlap each other; presenting first screen information on both a first contracted display window of the plurality of contracted display windows and the main display window; presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus; presenting third screen information on a third contracted display window of the plurality of contracted display windows and changing the second contracted display window and the second display apparatus to present the third screen information thereon in response to an operation to the information processing apparatus.

The cited reference to Janssen et al. US Patent No. 6,512,529 (hereinafter Janssen) has taught in the Background of the Invention that the windows on the desktop can be organized in a variety of different ways including the tiled windows so that the

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contents of each window are totally visible to the operator. Janssen regards the tiled windows as prior art teaching which is prior to Janssen's invention. Janssen taught more advanced technique of invisible windows for the overlapped windows to solve the problem of the limited screen space. Janssen also teaches the tiled windows of a larger screen surface or **multiple screen surfaces**. Janssen teaches resizing or moving windows so that the windows are not overlapped. The cited reference discloses displaying information on a plurality of windows so that all the important information displayed in various windows can be concurrently viewed. However, Janssen failed to disclose the claim limitation of "presenting second screen information on both a second contracted display window of the plurality of contracted display windows and a second display apparatus and presenting third screen information on a third contracted display window of the plurality of contracted display windows" set forth in the independent claim 9 or the independent claim 27.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

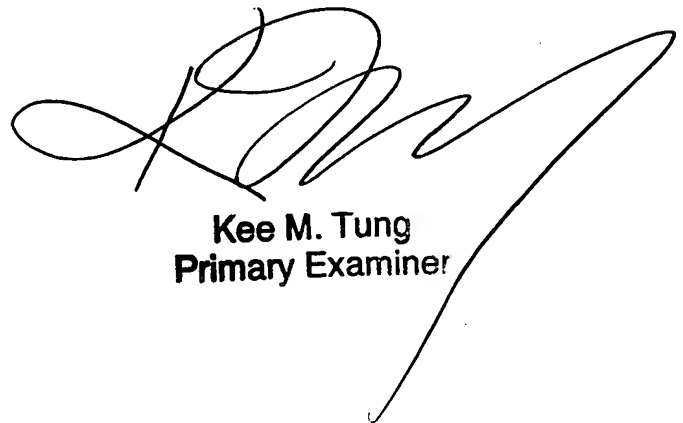
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jin-Cheng Wang whose telephone number is (571) 272-7665. The examiner can normally be reached on 8:00 - 6:30 (Mon-Thu).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung can be reached on (571) 272-7794. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jcw



Kee M. Tung
Primary Examiner